

RNAAS 10 20 30 40 50 60 70 80 90 100
 KETAAKFERQHMDSSSTAASSSSNYCNQMMKSRNLTKDRCKPVNTFVHESLADVQAVCSQKVNACKNGQTNCYQSYSYSTMISITDCRETGSSKYPNCAYKTI
 111111111221 212221

QANKHIIVACEGNPYVPPVRFDAV	110	120	124
1111111	11222211		
MYGL	10	20	
VLSSEGWLHVWAKVEADVAGHGDILIRLFKSHPETLEKFDRFKLTKTEAMKASEDLKKHGVTVLTA	30	40	50
111111	1122112211	11111122112111	70
IKYLEFISEAIIHVLAHSRHPGDFGADAQGAMNKALELFRKDIIAKYKELGYQG	80	90	100
111221121111	111211111111	11111122112111	

Fig. 2

DHFR-HM	VGSLNCIVAVSQNMIGKNGDILPWPPPLRNEFRYFORMTTSSVEGKQNLVIMGKKTWFSIPEKNRPLKGR	10	20	30	40	50	60	70
DHFR-EC	SLIAALA	3	9					
DHFR-HM	LPADLAWFKRNTLDR	24		38				
DHFR-EC								
DHFR-HM	INLVLSRELKEPPQGAHFLSRSLDDALKLTEQPELANKVDMWIVGGSSVYKEAMNHPGHLKLFVTRIMQ	80	90	100	110	120	130	140
DHFR-EC	MVIGGG							
DHFR-HM	DFESDTFFPEIDLEYKILLPEYPGVLSDVQKEKGKIKYKFEVYEKND	150	160	170	180	186		
DHFR-EC								